Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 19 Oct 2021 until 23:59 on Wednesday 20 Oct 2021

Forecast Issued on Monday 18 Oct 2021 at 15:16

Confidence: High for unsettled conditions through the next couple of days then a change to much colder, brighter weather for Thursday and Friday.

Headline for Tuesday 19 Oct 2021: Wet and windy with extensive low cloud.

Mountain weather hazards on Tuesday 19 Oct 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Mist	Partly cloudy (night)	Cloudy	Heavy Rain	Heavy Rain	Light rain	Heavy Rain	Light rain
Precipitation probability							
30%	30%	30%	70%	90%	90%	90%	60%

Forecast for Tuesday 19 Oct 2021

Weather: Mainly dry, cloudy and mild overnight. Outbreaks of rain will arrive early in the morning, these becoming heavy at times especially through the afternoon and early evening. Drenching conditions developing with strong winds on the tops. Rain turning light and patchy during the late evening.

Chance of cloud free mountain/hill tops above 600m: 30% overnight, becoming less than 10% in morning.

Visibility: Extensive low cloud with very poor visibility above 300 or 400m, even to lower slopes at times in the west. Very hazy below the cloud base.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 19 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/20 SW	15/22 SW	15/22 SW	21/32 S	27/38 SW	27/39 SW	26/38 SW	22/33 SW	19/29 SW
300	8/16 S	7/14 S	8/13 SE	14/23 S	21/33 SW	22/34 SW	21/33 SW	17/28 SW	14/24 SW
Valley	5/15 S	5/15 S	5/14 SE	9/23 S	14/31 SW	15/32 SW	15/31 SW	13/27 SW	11/24 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	12/9	12/10	13/10	14/10	13/9	12/8	12/9	12/9
300	14/12	13/12	13/12	15/13	16/12	15/12	14/11	14/11	14/12
Valley	13/13	12/12	13/12	15/14	16/14	16/13	15/13	15/13	14/13
Freezing Level*	3000m	3000m	2900m	3400m	3400m	3000m	3200m	3000m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult walking and navigation conditions on high ground with spells of rain, very poor visibility and strong winds. Gusts of 45mph on the tops of Kinder Scout and Bleaklow in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 18 Oct 2021	2.4mm	9.2mm	9.2mm

Forecast for Wednesday 20 Oct 2021

Weather: Rain dying out overnight leaving clear spells. A largely cloudy day with showery rain on and off, occasionally heavy but not as persistent as Tuesday's. Drier and brighter conditions likely to develop in the afternoon.

Maximum wind: West or Southwest 20-25mph, gusting 35mph, easing to 15mph in evening.

Chance of cloud free mountain/hill tops above 600m: 40% in morning, becoming 80% in afternoon

Visibility: Occasionally poor on the tops in the morning with cloud lowering to 500m at times but some clearer spells between showers and becoming more generally good in the afternoon.

Temperature: **Valleys:** Plus 13 or 14C, falling to 8C in evening.
At 600m: Plus 11C overnight, falling to Plus 8 or 9C in morning, then Plus 5C after dark.
Freezing level: Above summits.

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